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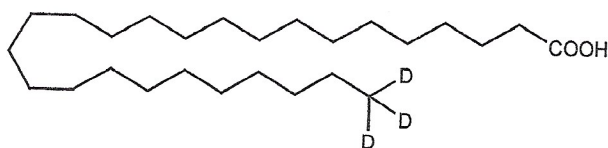
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[26,26,26-²H₃]Hexacosanoic acid (d₃-Cerotic acid)

CAS No.: 2692624-17-0

Molecular formula: C₂₆H₄₉D₃O₂

MW: 399.71



Amount: 5 mg

Crystalline solid, m.p. 87.0-87.5 °C

Cat. no.: 71-2603

Batch No.: LX-676

Storage: at ambient temp

Expiry date: Sept, 2032

Identity

The identity of the material is based on its mode of preparation and on the mass spectrum recorded on the methyl ester derivative showing *e.g.* m/z 413 (M^+) and 370 ($M^+ C_3H_7$), 143, 87 and 74 (attached).

Purity

>99%. The purity was determined by GC-MS analysis of the methyl ester derivative using a capillary column of 5% phenylmethylsiloxane (12 m, 0.33 μ m film thickness). The carrier gas was helium and the column temperature was raised from 120°C to 320°C at 10°C/min (chromatogram attached).

Labeling

>99% deuterated molecules as shown by selected ion monitoring of M^+ in the mass spectrum of the methyl ester derivative.

File :D:\MassHunter\Data\MH4\test878.D
Operator :
Acquired : 21 Sep 2022 17:25 using AcqMethod SCAN120.M
Instrument : GC-MS-Kemi2_OnLine
Sample Name:
Misc Info :
Vial Number: 1

